

1 **VI. CLAIMS**

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3 What is claimed is:

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5 1. A portable grooming machine, comprising

6
7 a) a housing;

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9 b) a motor assembly and an electrically powered drive member
10 mounted inside said housing;

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12 c) a power cord assembly removably connected to said housing;
13 and

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15 d) a first head means removably secured upon said housing for
16 cutting hair while vacuuming said hair into said housing, said first head
17 means comprising a first cutter with a first coupling element that when
18 assembled are housed within said first head means; said first coupling
19 element transmits a first drive motion to said first cutter, said first coupling
20 element is adapted to be set in a reciprocating motion by said electrically
21 powered drive member and said first drive motion is transmitted to said
22 first cutter.

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24 2. The portable grooming machine set forth in claim 1, further
25 characterized in that said housing comprises first and second faces having
26 a plurality of tracks, said plurality of tracks receiving rails extending from a
27 guard that extends above said first head means in an extended position
28 and below said first head means in a retracted position.

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2 3. The portable grooming machine set forth in claim 2, further
3 comprising a second head means removably secured upon said housing for
4 shaving hair, said second head means comprising a second cutter with a
5 second coupling element that when assembled are housed within said
6 second head means, said second coupling element transmits a second drive
7 motion to said second cutter, said second coupling element is adapted to be
8 set in said reciprocating motion by said electrically powered drive member
9 and said second drive motion is transmitted to said second cutter.

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11 4. The portable grooming machine set forth in claim 3, further
12 comprising a third head means removably secured upon said housing for
13 clipping hair, said third head means comprising a third cutter with a third
14 coupling element that when assembled is housed within said third head
15 means, said third coupling element transmits said second drive motion to
16 said third cutter, said third coupling element is adapted to be set in said
17 reciprocating motion by said electrically powered drive member and said
18 second drive motion is transmitted to said third cutter.

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20 5. The portable grooming machine set forth in claim 4, further
21 comprising a fourth head means removably secured upon said housing for
22 tooth brushing, said fourth head means comprising a circular tooth brush
23 means having an engaging pin to said electrically powered drive member
24 transmitting either said first drive motion or said second drive motion.

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26 6. The portable grooming machine set forth in claim 5, further
27 comprising a fifth head means removably secured upon said housing for
28 vacuuming, said fifth head means being substantially hollow to receive

1 matter therethrough when said electrically powered drive member is
2 engaged in said first drive motion.

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4 7. The portable grooming machine set forth in claim 6, further
5 comprising a sixth head means removably secured upon said housing for
6 massaging, said sixth head means comprising a massage pad with a fourth
7 coupling element, said fourth coupling element transmits either said first
8 drive motion or said second drive motion to said massage pad, said fourth
9 coupling element is adapted to be set in said reciprocating motion by said
10 electrically powered drive member.

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12 8. The portable grooming machine set forth in claim 7, further
13 characterized in that said housing has first and second switches, said first
14 switch engaging said first drive motion and said second switch engaging
15 said second drive motion.

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17 9. The portable grooming machine set forth in claim 8, further
18 characterized in that said housing comprises a jack to receive said power
19 cord assembly.

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21 10. The portable grooming machine set forth in claim 9, further
22 characterized in that said housing houses a rechargeable battery system,
23 said rechargeable battery system recharged from said power cord
24 assembly.